



National Weather Service

Storm Data and Unusual Weather Phenomena



February 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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WISCONSIN, Southeast

WIZ046>047-051>052-056>057-062>063-067>068 Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Iowa - Dane - Lafayette - Green

05	0200CST	0	0	Heavy Snow
06	0600CST			

Heavy snow accumulating to 6 to over 9 inches affected parts of south-central and east-central Wisconsin. In addition, northeast to east winds gusting to 22 to 26 knots (25 to 30 mph) resulted in blowing and drifting snow which hindered travel. Snow started to fall about 1600 CST on February 4th, while 1-inch accumulations were noted by 1800 CST. Much of the snow accumulations occurred by 1400 CST on February 5th. A severe weather spotter in Westfield (Marquette Co.) reported 9.6 inches for high honors. Other reports, based on spotter, highway department, and cooperative sources, included 9.5 inches in Baraboo and 8.5 inches in Reedsburg (Sauk Co.); 8.0 inches in Wisconsin Dells (Columbia Co.); roughly 8.0 inches in the extreme northwest corner of Iowa County west of Avoca, and in extreme northwest Green Lake County northwest of Princeton; 7.0 inches in Monroe (Green Co.), about 6.5 inches in extreme western Lafayette County and extreme western Fond du Lac County; 6.5 inches Mazomanie and Fitchburg (Dane Co.); and 6.1 inches in Elkhart Lake (Sheboygan Co.). Based on newspaper reports, it's safe to estimate that 100 to 150 vehicle accidents occurred due to icy and snow-covered roads during the height of this heavy snow event. Elsewhere across south-central and southeast Wisconsin, 3 to 5.5 inches of snow accumulated, resulting in dozens of additional vehicle accidents.

WIZ046>047-051>052-056>060-062>063-065>072 Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Iowa - Dane - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha

08	2100CST	0	0	Winter Weather/Mix
09	1800CST			

Strong southwest winds behind a cold front gusted to 30 to 43 knots (35 to 50 mph) over much of south-central and southeast Wisconsin. These wind gusts knocked many tree branches out of trees. In addition, these winds were responsible for widespread blowing and drifting of recent new snows which made it difficult for highway snowplow crews keep roads open during the pre-dawn hours. Jefferson County is documented separately as a "High Wind" event due to a peak gust of 55 knots (63 mph) measured at a severe weather spotter's residence on the southwest side of the city of Watertown. Several public schools delayed the start of classes or canceled classes due to the blowing and drifting snow and poor road conditions. A high school student was killed (indirect death) during the late evening hours of February 8th, in a 3-vehicle accident in Cedarburg (Ozaukee Co.) due to icy, windswept, road conditions.

WIZ064

Jefferson

09	0230CST	0	0	High Wind (MG55)
	0900CST			

Powerful southwest winds behind a cold front gusted to 55 knots (63 mph) at a severe weather spotter's residence on the southwest side of the city of Watertown (Jefferson Co.). Elsewhere across the county gusts were in the 43 to 52 knot range (50 to 60 mph). These wind gusts knocked many tree branches out of trees. In addition, these winds were responsible for widespread blowing and drifting snow which made it difficult for highway snowplow crews keep roads open during the pre-dawn hours.

WIZ046>047-051

Marquette - Green Lake - Fond Du Lac

25	0200CST	0	0	Dense Fog
	0900CST			

Dense fog developed overnight, resulting in visibilities of 1/4 mile or less. Newspaper reports indicated that many icy frost deposits occurred on roads and bridges. Snowmelt due to maximum temperatures in the mid to upper 30s on February 24th contributed the moisture needed to saturate the air as the night progressed. Newspaper reports indicated that some vehicle accidents occurred.



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WISCONSIN, Southeast

WIZ046>047-051>052-057>059-063>066-068>072 Marquette - Green Lake - Fond Du Lac - Sheboygan - Columbia - Dodge - Washington - Dane - Jefferson - Waukesha - Milwaukee - Green - Rock - Walworth - Racine - Kenosha

26	0200CST 0900CST	0	0	Dense Fog
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Dense fog developed overnight, resulting in visibilities of 1/4 mile or less. Newspaper reports indicated that many icy frost deposits occurred on roads and bridges. Snowmelt due to maximum temperatures in the mid to upper 30s on February 25th contributed the moisture needed to saturate the air as the night progressed. Newspaper reports indicated that some airplane flights were delayed and at least a dozen vehicle accidents occurred.

WIZ052-059>060 Sheboygan - Washington - Ozaukee

27	0500CST 0900CST	0	0	Dense Fog
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Dense fog developed overnight, resulting in visibilities of 1/4 mile or less. Newspaper reports indicated that many icy frost deposits occurred on roads and bridges. Snowmelt due to maximum temperatures in the mid to upper 30s on February 26th contributed the moisture needed to saturate the air as the night progressed. Newspaper reports indicated that some vehicle accidents occurred.